

RUBBER COMPOSITION, VULCANIZATE, AND AIR INTAKE HOSE

ABSTRACT

A rubber composition, including α,β -ethylenically
5 unsaturated nitrile-conjugated diene copolymer rubber (A)
having number average molecular weight of 50,000 to
150,000, α,β -ethylenically unsaturated nitrile-conjugated
diene copolymer rubber (B) having number average
molecular weight of 1,000 to 20,000, ethylene- α -olefin
10 copolymer rubber (C), and a graft copolymer (D); wherein
said graft copolymer (D) is obtained by performing graft
copolymerization on a mixture of an aromatic vinyl
compound and an α,β -ethylenically unsaturated nitrile
monomer with an ethylene-propylene-unconjugated copolymer,
15 and a content of structure units of said ethylene-
propylene-unconjugated copolymer is 20 to 70 wt%; a ratio
of the graft copolymer (D) with respect to 100 parts by
weight in total of said rubber (A), rubber (B) and rubber
(C) is 1 to 30 parts by weight; and a composition ratio
20 of the rubber (A), rubber (B) and rubber (C) is rubber
(A): 20 to 79 wt%, rubber (B): 1 to 30 wt%, and rubber
(C): 20 to 50 wt%, is subjected to vulcanization molding,
consequently, vulcanizate of the rubber composition
having excellently balanced ozone resistance, flexing
25 fatigue resistance and oil resistance can be provided.